



FORM PTO-1449

U.S. DEPARTMENT OF  
COMMERCE, PATENT AND TRADEMARK OFFICEATTY. DOCKET  
NO.: PC25571AAPPLICATION NO.:  
10/599,702INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

INVENTOR : Bell, et al.

Filed: 10/5/06

Group: 1614

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
/SM/	A1	6465486	October 15, 2002	Baxter et al.	31	47	March 10, 2000
/SM/	A2	4282361	August 11, 1981	Uehara et al.	13	02	April 2, 1979
/SM/	A3	3951980	April 20, 1976	Henry et al.	451	02	August 21, 1975
/SM/	A4	5442044	Aug 15, 1995	Hoover et al.	5	06	March 8, 1993
/SM/	A5	3951980	April 20, 1976	Henry et al.	451	02	August 21, 1975
/SM/	A6	6432957	August 13, 2002	Kodoma et al.	31	496	June 29, 2001
/SM/	A7	2004/0029900	January 1, 2004	Sander et al.	17	30	June 28, 2002
/SM/	A8	6184338	February 6, 2001	Schwindeman, et al.	528	392	August 24, 1998
/SM/	A9	2002/0127593	September 12, 2002	Reich, et al.	435	6	March 8, 2002
/SM/	A10	6288078	September 11, 2001	Walsh, et al.	514	300	March 7, 2000
/SM/	A11	2002/0058668	May 16, 2002	Jun Yuan	514	258	March 23, 2001
/SM/	A12	2003/0187261	October 2, 2003	Havlicek, et al.	514	276	January 8, 2001
/SM/	A13	5091431	February 25, 1992	Tulshian, et al.	514	262	February 6, 1989
/SM/	A14	6106864	August 22, 2000	Dolan, et al.	9	14	August 21, 1996
/SM/	A15	2001/0047013	November 29, 2001	Lang, et al.	213	02	March 5, 2001
/SM/	A16	6001830	December 14, 1999	Lee, et al.	31	50	November 12, 1998
/SM/	A17	6130223	October 10, 2000	Jonas, et al.	514	258	October 8, 1997
/SM/	A18	6566360	May 20, 2003	Niewohner, et al.	514	243	August 30, 2001
/SM/	A19	6777419	August 17, 2004	Jonas, et al.	514	262.1	September 6, 1999
/SM/	A20	2004/0023990	February 5, 2004	Eggenweiler, et al.	514	262.1	November 25, 2000
/SM/	A21	2004/0063730	April 1, 2004	Eggenweiler, et al.	514	262.1	December 19, 2000
/SM/	A22	2004/0029900	February 12, 2004	Jonas, et al.	514	262.1	June 29, 2000
/SM/	A23	200400077664	April 22, 2004	Eggenweiler, et al.	514	262.1	December 27, 2001

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
/SM/	B1	WO 93/06104	April 1, 1993	PCT	487	04	X	
/SM/	B2	WO 00/24745	May 4, 2000	PCT	487	04	X	
/SM/	B3	WO 01/27112	April 19, 2001	PCT	487	04	X	
/SM/	B4	WO 01/27113	April 19, 2001	PCT	487	04	X	
/SM/	B5	WO 93/07149	April 15, 1993	PCT	487	04	X	
/SM/	B6	WO 93/12095	June 24, 1993	PCT	239	91	X	
/SM/	B7	WO 94/05661	March 17, 1994	PCT	471	04	X	
/SM/	B8	WO 94/00453	January 6, 1994	PCT	473	30	X	

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### FOREIGN PATENT DOCUMENTS

/SM/	B9	WO 95/19978	July 27, 1995	PCT	471	14	X	
/SM/	B10	WO 98/49166	November 5, 1998	PCT	487	04	X	
/SM/	B11	WO 01/32646	May 10, 2001	PCT	401	00	X	
/SM/	B12	WO 01/47901	July 5, 2001	PCT	271	06	X	
/SM/	B13	WO 02/42292	May 30, 2002	PCT	401	06	X	
/SM/	B14	WO 99/45006	September 10, 1999	PCT	413	14	X	
/SM/	B15	EP 1176142	January 30, 2002	EP	231	14	X	
/SM/	B16	WO 02/10171	February 7, 2002	PCT	487	04	X	
/SM/	B17	EP 1072595	January 31, 2001	EP	211	22	X	
/SM/	B18	EP 319479	June 7, 1989	EP	9	30	X	
/SM/	B19	EP0296811	June 25, 1987	EP	125	067	X	
/SM/	B20	EP0297858	July 2, 1987	EP	471	08	X	
/SM/	B21	EP 1241170	September 18, 2002	EP	487	14	X	
*	/SM/	B22	FR 2638745	November 8, 1988	FR	281	02	X
/SM/	B23	WO 04006867	March 13, 2003	PCT			X	
/SM/	B24	EP 0937459	August 25, 1999	EP	31	40	X	
*	/SM/	B25	JP 03142277	October 30, 1989	JP			X
/SM/	B26	EP 1348707	October 1, 2003	EP	487	04	X	
/SM/	B27	WO 8605519	September 25, 1986	PCT	1	68	X	
/SM/	B28	WO 8605518	September 25, 1986	PCT	1	68	X	
/SM/	B29	WO 0123389	April 5, 2001	PCT	487	04	X	
/SM/	B30	WO 0213798	February 21, 2002	PCT	31	00	X	
/SM/	B31	WO 9954333	October 28, 1999	PCT	487	04	X	
/SM/	B32	WO 9301181	January 21, 1993	PCT	401	12	X	
*	/SM/	B33	JP 2002255932	September 11, 2002	JP	205	04	X
/SM/	B34	EP 400661	May 31, 1990	EP	403	04	X	
/SM/	B35	WO 02102314	December 27, 2002	PCT			X	
/SM/	B36	EP 1176147	January 30, 2002	EP	487	04	X	
/SM/	B37	WO 2004096810	November 11, 2004	PCT	487	04	X	
/SM/	B38	WO 0147495	July 5, 2001	PCT	9	14	X	
/SM/	B39	WO 02066481	August 29, 2002	PCT	487	04	X	
*	/SM/	B40	WO 9928325	June 10, 1999	PCT	495	04	X
*	/SM/	B41	WO 9817668	April 30, 1998	PCT	495	04	X
/SM/	B42	EP 0579496	November 14, 2001	EP	401	04	X	
/SM/	B43	WO 9616657	June 6, 1996	PCT	31	505	X	
/SM/	B44	EP 0349239	July 1, 1988	EP	487	04	X	

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Examiner Initial		
/SM/	C1	Organic Reactions, Volume 41 and Volume 42, page 42, 1992
/SM/	C2	Chambers et al. Journal Organic Chemistry, <i>Selective Sequential Demasking of the Ester Functions of 1-Methyl-3,4,5-tris(methoxycarbonyl) pyrazole</i> , 50, 4736-4738, 1985
/SM/	C3	Zeitschrift für Chemie 28; 2: 59-60, 1988
/SM/	C4	Webber, R., et al., Journal Med. Chem., <i>Substituted 2-Iminopiperidines as Inhibitors of Human Nitric Oxide Synthase Isoforms</i> , 41 (1); 96-101, 1998
/SM/	C5	Singh, B., et. al., J Het. Chem., <i>Three Convenient and Novel Syntheses of 4-Amino-2-arylpyrimidines</i> , 14; 1413; 1977
/SM/	C6	Hara, H., et. al., J. Het. Chem., <i>On the Amination of Azaheterocycles. A New Procedure for the Introduction of an Amino Group (1)</i> , 19; 1285; 1982
/SM/	C7	Orozco, M., et. al., J. Pharmaceutical Science, <i>Quantum Chemical Study of the Electronic and Conformational Characteristics of Adenosine and 8-Substituted Derivatives: Functional Implications in the Mechanism of Reaction of Adenosine Deaminase</i> , 79(2), 133-137, 1990
/SM/	C8	Orozco, M., et. a., Quantitative Struct.-Act. Relat., <i>Theoretical Approximation to the Reaction Mechanism of Adenosine Deaminase</i> , 8: 109-114, 1989
/SM/	C9	Orozco, M., et. al., Molecular Pharmacology, <i>Theoretical Study of the Protonation and Tautomerization of Adenosine, Formycin, and Their 2-NH<sub>2</sub> and 2-F Derivatives: Functional Implications in the Mechanism of Reaction of Adenosine Deaminase</i> , 35(2): 257-264, 1988
/SM/	C10	Upadhy, K., et. al., Nucleic Acids Research, <i>Synthesis of 5-chloroformycin A, 5-chloro-2'-deoxyformycin A and certain related 5,7-disubstituted 3-β-D-ribofuranosylpyrazolo[4,3-d]pyrimidines from formycin A</i> , 14(4): 1747-1764, 1986
/SM/	C11	Secrist III, J., et. al., Journal Med. Chem., <i>2-Fluoroformycin and 2-Aminoformycin. Synthesis and Biological Activity</i> , 28(11): 1740-1742, 1985
/SM/	C12	Diederich, F., <i>Metal-Catalysed Cross-Coupling Reactions</i> , Wiley-VCH, 1998, <b>table of contents</b>
/SM/	C13	Norris, T., et. al., J. Chem. Soc. Perkin Trans. 1, <i>Synthesis of trovafloxacin using various (1a, 5a, 6a)-3-azabicyclo[3.1.0]hexane derivatives</i> , 1615-1622, 2000
/SM/	C14	Bochis, R., et. al., J. Med. Chem., <i>Substituted Imidazo[1,2-a]pyridine-2-carbamate Anthelmintics</i> , 24(12) 1518-1521, 1981
/SM/	C15	Yakovlev, M., et. a., Chemistry of. Heterocyclic Compound, <i>Synthesis of Substituted 2,5-Diazabicyclo[2.2.1]Heptanes</i> , 36(4): 429-431, 2000

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/SM/	C16	Smith, S., et. al., Tetrahedron Letters, <i>Tandem cyclisation and [2,3]-Stevens rearrangement to 2-substituted pyrrolidines</i> , 43, 899-902, 2002
/SM/	C17	Barlocco, D., et. al., J. Med. Chem., <i>Mono- and Disubstituted-3,8-diazabicyclo[3.2.1]octane Derivatives as Analgesics Structurally Related to Epibatidine: Synthesis, Activity, and Modeling</i> , 41, 674-681, 1998
/SM/	C18	Baraldi, P., et. al., IL Farmaco, <i>Synthesis, Antibacterial Activity and Structure-Activity Relationships of N-Substituted 4-Diazo-Pyrazole-5-Carboxamides</i> , 46 (11), 1337-1350, 1991
/SM/	C19	Brown, H., et. al., J. Org. Chem., <i>Hydroboration. 71. Hydroboration of Representative Heterocyclic Olefins with Borane-Methyl Sulfide, 9-Borabicyclo[3.3.1]nonane, Dicyclohexylborane, and Distamylborane. Synthesis of Heterocyclic Alcohols</i> , 50, 1582-1589, 1985
/SM/	C20	H.C. Van Der Plas, Rec.I. Trav. Chim. Pays-Bas., <i>Syntheses of Amino and Bromo Derivatives of 4-methyl-4-t-butyl-and 4-phenyl-pyrimidine</i> , 84, 1101-1106, 1965
/SM/	C21	Dumaitre, B., et. al., Journal of Medicinal Chemistry, American Chemical Society, <i>Synthesis and Cyclic GMP Phosphodiesterase Inhibitory Activity of a Series of 6-Phenylpyrazolou3, 4-Dpyrimidones</i> , 39(8), 1635-1644, 1996
/SM/	C22	Czarniecki, M., et. al., Annu. Rep. Med. Chem., <i>Inhibitors of Types I and V Phosphodiesterase: Elevation of cGMP as a Therapeutic Strategy</i> , 31, 61-70, 1996

**\*Note:** all references not in English; only the structures were considered.

<b>EXAMINER</b> /Susanna Moore/	<b>DATE CONSIDERED</b> 02/13/2009
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